

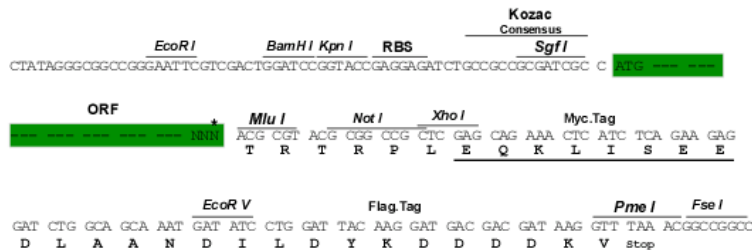
Product datasheet for RR203375

Nudt2 (NM_207596) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nudt2 (NM_207596) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nudt2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

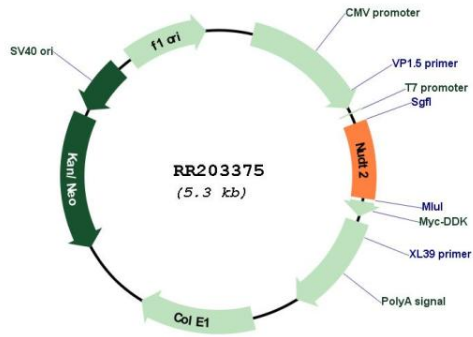
ACCN:	NM_207596
ORF Size:	441 bp



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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_207596.1 , NP_997479.1
RefSeq Size:	939 bp
RefSeq ORF:	444 bp
Locus ID:	297998
UniProt ID:	Q6PEC0
Cytogenetics:	5q22
MW:	16.9 kDa
Gene Summary:	member of the nudix family of hydrolase proteins, and of the subfamily of nucleotide pyrophosphatases containing the MutT sequence motif; hydrolyzes Ap4a to yield AMP and ATP [RGD, Feb 2006]

Product images:



Circular map for RR203375